

Converting Colors

YUV(26.5950, 64.7827,
-11.9228)

Have a look what the booklet for
YUV(26.5950, 64.7827, -11.9228)
contains.

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Color

**YUV(26.5950, 64.7827,
-11.9228)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0D089E |
| RGB | 13, 8, 158 |
| RGB Percent | 5%, 3%, 62% |
| CMY | 0.9490, 0.9686, 0.3804 |
| CMYK | 0.92, 0.95, 0.00, 0.38 |
| HSL | 242°, 90%, 33% |
| HSV | 242°, 95%, 62% |
| XYZ | 6.4244, 2.7279, 32.5357 |
| YIQ | 26.5950, -45.1700, 47.7100 |

Conversions

Conversions Part 2

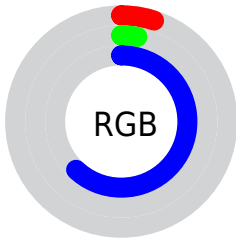
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 13, 8, 158 |
| Decimal | 854174 |
| CIE Lab | 18.92, 53.16, -73.50 |
| CIE LCh | 19, 90.713, 305.875 |
| Yxy | 2.7279, 0.1541, 0.0654 |
| Android (android.graphics.Color) | 4279044254 (0xFF0D089E) |
| YUV | 26.5950, 64.7827, -11.9228 |
| Hunter-Lab | 16.5162, 40.5284, -105.2354 |

Details

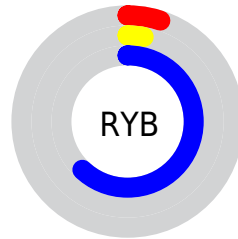
The YUV color **26.5950, 64.7827, -11.9228** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **139.4050, -64.7827, 11.9228**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.6080, 61.8183, 5.6058**, and **11.9700, 45.8638, -10.4977** is the 20% darker color. If you saturate the color by 10%, you get **19.5070, 68.2770, -12.7226**, and if you desaturate by 10%, it is **40.4720, 57.9413, -10.9379**.

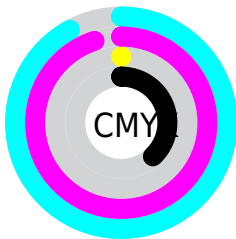
Distribution



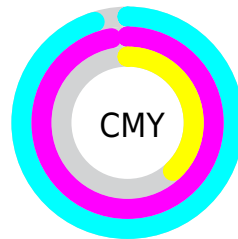
- Red (5%)
- Green (3%)
- Blue (62%)



- Red (5%)
- Yellow (3%)
- Blue (62%)



- Cyan (92%)
- Magenta (95%)
- Yellow (0%)
- Black (38%)



- Cyan (95%)
- Magenta (97%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.5950, 64.7827, -11.9228 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 26.5950, 64.7827, -11.9228 by changing the saturation by 10% instead.

■ 26.5950, 64.7827,
-11.9228

■ 26.5950, 64.7827,
-11.9228

■ 252.0650, 1.4470,
2.5740

■ 14.9340, 57.2205,
-13.0971

■ 88.6080, 61.8183,
5.6058

■ 11.9700, 45.8638,
-10.4977

■ 115.8580, 62.6810,
8.8945

■ 12.6420, 33.2075,
-11.0870

■ 140.8710, 56.2656,
13.2681

■ 9.3190, 23.0137,
-8.1728

■ 165.6900, 44.0298,
17.8119

■ 4.9360, 13.8356,
-4.3289

■ 190.5090, 31.7941,
22.3556

■ 0.7980, 3.0576,
-0.6998


■ 215.6270, 19.4109,


■ 0.0000, 0.0000,


27.5141


0.0000


 235.0420, 9.8393,
17.5032


 26.5950, 64.7827,
-11.9228


 26.5950, 64.7827,
-11.9228


 19.5070, 68.2770,
-12.7226

 40.4720, 57.9413,
-10.9379

 54.6480, 50.9525,
-9.3383

 67.9380, 44.4006,
-7.8386

 81.8150, 37.5592,
-6.8538

 95.6920, 30.7178,
-5.8689

■ 109.8680, 23.7291,
-4.2692

■ 123.7450, 16.8877,
-3.2844

■ 137.0350, 10.3357,
-1.7847

■ 150.9120, 3.4944,
-0.7998

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.5490, 64.3123, -47.8395



26.5950, 64.7827, -11.9228



49.3020, 25.9801, 67.2641

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.5950, 64.7827, -11.9228



33.6990, -16.6136, 55.5150



44.7670, 6.5239, -39.2607

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.5950, 64.7827, -11.9228



139.4050, -64.7827, 11.9228

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.5680, -18.5210, -32.9471



26.5950, 64.7827, -11.9228



42.5170, -20.9609, 3.0546

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.5950, 64.7827, -11.9228



39.7670, -19.6051, 81.7653



34.6330, -17.0741, -30.3731



54.1660, 34.9212, -47.5036

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.5950, 64.7827, -11.9228



50.0810, 4.3971, 83.2440



34.6330, -17.0741, -30.3731



41.5580, -3.2331, -36.4464

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.5950, 64.7827, -11.9228



156.2100, 25.0395, -4.5692



110.2150, 23.5580, -89.6426



73.4030, 15.5773, -2.9844



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5950, 64.7827, -11.9228



25.6910, 89.3853, -16.3920



49.0200, 53.7271, 34.1855



71.9120, 3.4944, -0.7998



17.7970, 61.7251, -11.2230



2.0090, 6.4046, -0.8849

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.3800, 41.2247, 77.7197



84.6930, 56.8464, 107.2632



116.9800, -53.7271, -34.1855



74.3040, 2.3151, 4.1184



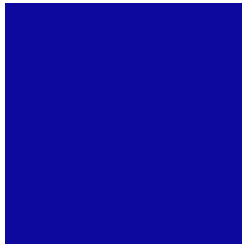
58.4890, 39.1989, 74.1161



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 26.5950, 64.7827, -11.9228 looks on a white background.

Color Contrast Check

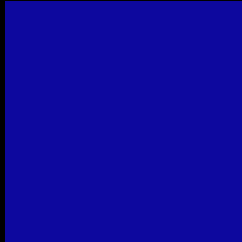
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 26.5950, 64.7827, -11.9228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

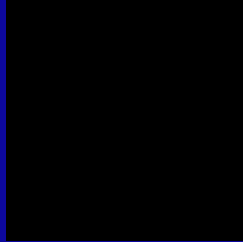
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 26.5950, 64.7827, -11.9228

Background



This preview shows how black text looks on a background with the YUV color 26.5950, 64.7827, -11.9228.



This preview shows how white text looks on a background with the YUV color 26.5950, 64.7827, -11.9228.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.5950, 64.7827, -11.9228

Protanopia

38.7610, 29.2048, -33.9934

Deuteranopia

38.8120, 21.7847, -34.0381



Tritanopia

38.0820, 8.8336, -33.3979

Trichromacy



Original Color

26.5950, 64.7827, -11.9228

Protanomaly

34.5460, 42.1288, -25.9118

Deuteranomaly

34.5800, 37.1821, -25.9417

Tritanomaly

33.8160, 29.1777, -25.2716

Monochromacy



Original Color

26.5950, 64.7827, -11.9228

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.8680, 23.7291, -4.2692

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.5950, 64.7827, -11.9228 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(13, 8, 158)` looks like.

```
.text, #text, p{  
    color:rgb(13, 8, 158)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(13, 8, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 8, 158) }
```

Border

The CSS property to change the border of an element to YUV 26.5950, 64.7827, -11.9228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(13, 8, 158) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(13, 8, 158) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(13, 8, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 8, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 8, 158);  
box-shadow:4px 4px 4px 4px rgb(13, 8, 158)  
}
```

Background

The CSS property to change the background color of an element to YUV 26.5950, 64.7827, -11.9228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 8, 158) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(13, 8,  
158) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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